Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011624\
Data File : BG060335.D
Acq On : 16 Jan 2024 14:11
Operator : MA/JU
Sample : PB158460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 16 14:44:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB158460BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
01/17/2024
Supervised By :mohammad ahmed
01/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.931	152	247102	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	1125448	20.000	ng		0.00
39) Acenaphthene-d10	14.570	164	873684	20.000	ng		0.00
64) Phenanthrene-d10	17.314	188	2348554	20.000	ng		0.00
76) Chrysene-d12	21.580	240	2171801	20.000	ng		0.00
86) Perylene-d12	24.747	264	2233737	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	2035835	135.511	ng		0.00
7) Phenol-d6	7.097	99	3096165	139.178	ng		0.00
23) Nitrobenzene-d5	9.094	82	1810507	75.963	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	1633621	127.086	ng		0.00
45) 2-Fluorobiphenyl	13.190	172	4209863	66.993	ng		0.00
79) Terphenyl-d14	19.935	244	6181514	65.987	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.401	88	252544	36.800	ng	#	96
3) Pyridine	3.795	79	642599	33.188	ng		95
4) n-Nitrosodimethylamine	3.712	42	260000	42.906	ng		95
6) Aniline	7.255	93	822202	36.976	ng		99
8) 2-Chlorophenol	7.496	128	676599	45.443	ng		97
9) Benzaldehyde	7.067	77	232334m	18.195	ng		
10) Phenol	7.126	94	1083032	48.557	ng		99
11) bis(2-Chloroethyl)ether	7.349	93	757193	41.661	ng		98
12) 1,3-Dichlorobenzene	7.819	146	681283	36.455	ng		98
13) 1,4-Dichlorobenzene	7.966	146	705968	37.232	ng		97
14) 1,2-Dichlorobenzene	8.284	146	760602	39.010	ng		99
15) Benzyl Alcohol	8.166	79	714482m	49.616	ng		
16) 2,2'-oxybis(1-Chloropr...	8.460	45	942014	42.703	ng		99
17) 2-Methylphenol	8.372	107	730659	47.694	ng		98
18) Hexachloroethane	9.012	117	258037	38.813	ng		99
19) n-Nitroso-di-n-propyla...	8.730	70	665129	43.200	ng		98
20) 3+4-Methylphenols	8.701	107	996287	48.233	ng		98
22) Acetophenone	8.754	105	1249415	40.386	ng	#	99
24) Nitrobenzene	9.136	77	936639	37.909	ng		99
25) Isophorone	9.653	82	1933837	40.402	ng		99
26) 2-Nitrophenol	9.846	139	422732	46.534	ng		96
27) 2,4-Dimethylphenol	9.905	122	806894	67.220	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	1239596	42.386	ng		99
29) 2,4-Dichlorophenol	10.381	162	947697	48.719	ng		99
30) 1,2,4-Trichlorobenzene	10.599	180	887238	36.662	ng		96
31) Naphthalene	10.787	128	2213614	37.522	ng		98
32) Benzoic acid	10.052	122	451954	43.775	ng		89
33) 4-Chloroaniline	10.892	127	581344	25.575	ng		98
34) Hexachlorobutadiene	11.069	225	534719	33.918	ng		96
35) Caprolactam	11.668	113	309480m	49.396	ng		
36) 4-Chloro-3-methylphenol	12.015	107	890595	45.067	ng		99
37) 2-Methylnaphthalene	12.391	142	1680377	38.405	ng		99
38) 1-Methylnaphthalene	12.614	142	1610699	36.660	ng		98
40) 1,2,4,5-Tetrachloroben...	12.761	216	1134295	36.556	ng		99
41) Hexachlorocyclopentadiene	12.737	237	1050028	101.926	ng		97
43) 2,4,6-Trichlorophenol	13.002	196	810778	41.059	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.078	196	919950	42.238	ng		99
46)	1,1'-Biphenyl	13.401	154	2446796	37.101	ng		99
47)	2-Chloronaphthalene	13.442	162	2038196	36.076	ng		99
48)	2-Nitroaniline	13.648	65	656267	46.643	ng		98
49)	Acenaphthylene	14.294	152	3121971	40.128	ng		99
50)	Dimethylphthalate	14.024	163	2753659	41.244	ng		100
51)	2,6-Dinitrotoluene	14.141	165	615021	43.170	ng		91
52)	Acenaphthene	14.635	154	1904326	39.309	ng		98
53)	3-Nitroaniline	14.476	138	451678	34.794	ng		95
54)	2,4-Dinitrophenol	14.682	184	753991	86.507	ng		97
55)	Dibenzofuran	14.970	168	3223860	39.864	ng		97
56)	4-Nitrophenol	14.788	139	1012449	105.149	ng		97
57)	2,4-Dinitrotoluene	14.935	165	894960	45.811	ng		96
58)	Fluorene	15.616	166	2707190	40.423	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.193	232	890189	48.131	ng		100
60)	Diethylphthalate	15.387	149	2732426	42.630	ng		99
61)	4-Chlorophenyl-phenyle...	15.610	204	1482415	40.182	ng		97
62)	4-Nitroaniline	15.646	138	631117	45.680	ng		95
63)	Azobenzene	15.904	77	2687005	41.447	ng		99
65)	4,6-Dinitro-2-methylph...	15.693	198	585950	45.099	ng		97
66)	n-Nitrosodiphenylamine	15.828	169	2513082	40.300	ng		98
67)	4-Bromophenyl-phenylether	16.503	248	1012621	39.240	ng		96
68)	Hexachlorobenzene	16.621	284	1150474	37.663	ng		99
69)	Atrazine	16.774	200	1464981	62.302	ng		98
70)	Pentachlorophenol	16.968	266	1567656	95.210	ng		93
71)	Phenanthrene	17.361	178	4425693	38.987	ng		96
72)	Anthracene	17.449	178	4465537	39.401	ng		97
73)	Carbazole	17.720	167	4148394	38.825	ng		97
74)	Di-n-butylphthalate	18.278	149	4211516	38.308	ng		97
75)	Fluoranthene	19.371	202	4902978	35.960	ng		95
77)	Benzidine	19.553	184	988765	20.956	ng		98
78)	Pyrene	19.735	202	5048837	36.404	ng		94
80)	Butylbenzylphthalate	20.622	149	2065209	43.282	ng		97
81)	Benzo(a)anthracene	21.562	228	5239646	38.971	ng		93
82)	3,3'-Dichlorobenzidine	21.480	252	1897416	36.850	ng		98
83)	Chrysene	21.627	228	4964333	37.542	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.468	149	3017719	41.853	ng	#	97
85)	Di-n-octyl phthalate	22.655	149	4978086	42.605	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.360	276	7028843	45.256	ng		97
88)	Benzo(b)fluoranthene	23.742	252	5672610	42.987	ng		99
89)	Benzo(k)fluoranthene	23.812	252	5604146	43.037	ng		98
90)	Benzo(a)pyrene	24.600	252	5130384	43.038	ng		97
91)	Dibenzo(a,h)anthracene	28.431	278	5773754	45.520	ng		98
92)	Benzo(g,h,i)perylene	29.494	276	5709041	43.916	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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